

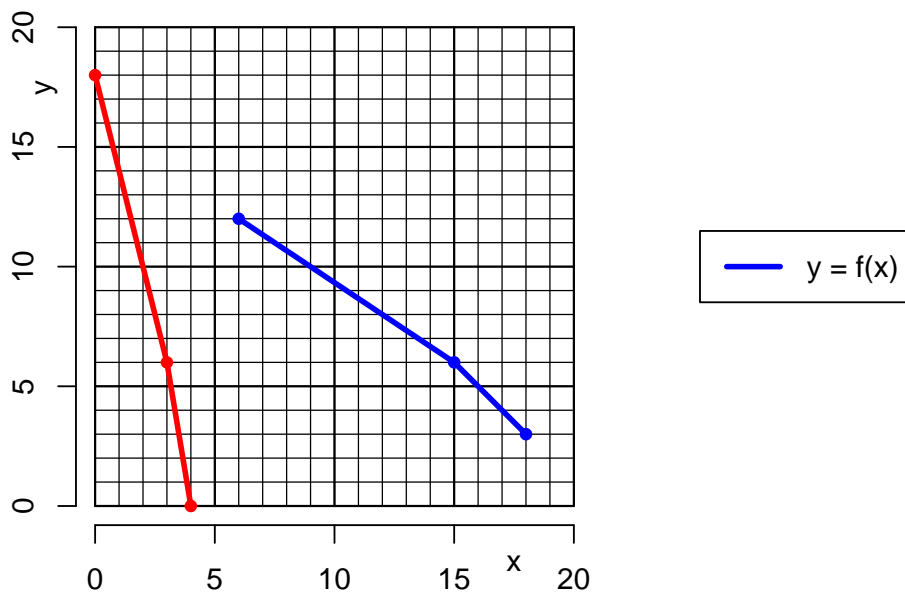
Name: \_\_\_\_\_

Date: \_\_\_\_\_

## PCW\_09\_18 Find new points after transformation (version 39)

### Question 1

Curve  $y = f(x)$  contains points  $(6, 12)$  and  $(15, 6)$  and  $(18, 3)$ , as shown on the  $x$ - $y$  plane below.

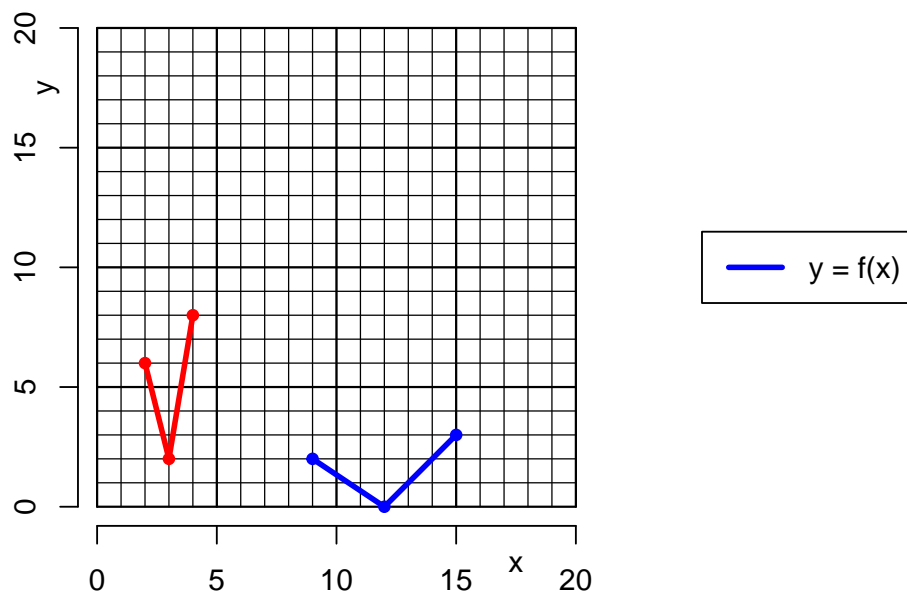


On the same plane, please draw the curve represented by the equation below:

$$y = 2(f[3(x + 2)] - 3)$$

## Question 2

Curve  $y = f(x)$  contains points  $(9, 2)$  and  $(12, 0)$  and  $(15, 3)$ , as shown on the  $x$ - $y$  plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = 2f[3(x + 1)] + 2$$